

# Recovery Plan Action Status

Plan Name: Railroad Valley Springfish (*Crenichthys nevadae*) Recovery Plan

Plan Status: Final

Plan Date: 15-Mar-97

Lead Agency: USFWS

Lead Office: Nevada Fish And Wildlife Office

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861-6300 )

Species	Action Priority #	Action #	Action Description	Action Status	Est. Initiation Date	Est. Completion Date	Responsible Parties	Work Type	Labor Type	Action Comments
Railroad Valley springfish ( <i>Crenichthys nevadae</i> )	2	1.1	Obtain landowner cooperation	Ongoing Current	FY 2000 - FY 2004		Nevada Department of Wildlife, U.S. Bureau of Land Management, U.S. Fish and Wildlife Service	Management: General, Management: Habitat Maintenance and Manipulation, Management: Land Use, Management: Planning, Management: Predator and Competitor Control, Management: Reintroduction, Other: Administration, Other: Information and Education, Other: Law Enforcement, Other: Regulations, Research: Competition, Research: Demographic Studies, Research: Environmental Contaminants, Research: Habitat Requirements, Research: Habitat Status, Research: Management Techniques, Research: Migration, Research: Other Information, Research: Population Surveys, Research: Predation, Research: Reintroduction	Internal Field Assistance, Species Expert	Obtaining and maintaining relationships with landowners is an ongoing process even after recovery of a species has been accomplished. There is no estimated completion date because the landowners/tribe relationships should be nurtured and maintained into perpetuity.

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Railroad Valley springfish (Crenichthys nevadae)	2	1.2	Acquire private land from willing sellers	Complete	FY 1995 - FY 1999	FY 2005	Nevada Department of Wildlife, U.S. Fish and Wildlife Service	Acquisition: Easement, Acquisition: Fee Title	Internal Technical Assistance, Species Expert	NDOW aquired Lockes Ranch in January 2005 and is currently in negotiations to aquire Black Rock Station. A aquacultural easement was completed during fall of 2004 with the Duckwater Shoshone Tribe. *USFWS has replaced BLM as the lead agency. **Change in the Responsible Parties from the Recovery Plan.
Railroad Valley springfish (Crenichthys nevadae)	2	1.3	Secure instream flow on public land	Complete	FY 1995 - FY 1999	FY 1995 - FY 1999	Nevada Department of Wildlife, U.S. Bureau of Land Management, U.S. Fish and Wildlife Service	Acquisition: General	Contract	*USFWS has replaced BLM as the lead agency. **Change in the Responsible Parties from the Recovery Plan.
Railroad Valley springfish (Crenichthys nevadae)	2	1.4	Determine effects of artesian wells and oil and gas development	Not Started			Nevada Department of Wildlife, U.S. Bureau of Land Management, U.S. Fish and Wildlife Service	Research: Other Information	Contract, Internal Administrative	
Railroad Valley springfish (Crenichthys nevadae)	2	2.1	Determine habitat characteristics	Ongoing Current	FY 2005		U.S. Geological Survey, Biological Resources Division	Research: Demographic Studies, Research: Habitat Requirements, Research: Habitat Status, Research: Other Information, Research: Population Surveys	Contract	BRD has replaced National Biological Service.

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Railroad Valley springfish (Crenichthys nevadae)	2	2.2.1	Develop and implement habitat management plan for Big Warm and Little Warm Springs	Ongoing Current	FY 2000 - FY 2004	FY 2009	Nevada Department of Wildlife, Nevada Division of Forestry, Duckwater Shoshone Indian Tribe, U.S. Bureau of Land Management, U.S. Geological Survey, Biological Resources Division, U.S. Fish and Wildlife Service	Acquisition: Other, Management: Habitat Maintenance and Manipulation, Management: Land Use, Management: Planning, Management: Predator and Competitor Control, Management: Reintroduction, Research: Habitat Requirements, Research: Habitat Status, Research: Population Surveys	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert	Big Warm Spring has been restored using Partners for Fish and Wildlife, Tribal Landowner Incentive Program, and Tribal Wildlife Grants Program funding. A Safe Harbor Agreement was signed on September 26, 2007 and Railroad Valley springfish were reintroduced at Big Warm Spring on the same day. Little Warm Spring was restored using a Tribal Landowner Incentive programs grant. The Duckwater Shoshone Tribe is currently developing a management plan for the Little Warm spring area which will reserve it out for a Railroad Valley springfish preserve. **Change in the Responsible Parties from the Recovery Plan.
Railroad Valley springfish (Crenichthys nevadae)	2	2.2.2	Develop and implement habitat management plan for Big, North, Hay Corral, and Reynolds Springs	Ongoing Current	FY 2006	FY 2009	Nevada Department of Wildlife, U.S. Bureau of Land Management, U.S. Fish and Wildlife Service	Management: Habitat Maintenance and Manipulation, Management: Land Use, Management: Planning, Management: Predator and Competitor Control, Other: Law Enforcement, Other: Regulations	Contract, Internal Technical Assistance, Species Expert	Restoration of all of the springs on the Lockes Ranch was completed during the 2008 fiscal year.
Railroad Valley springfish (Crenichthys nevadae)	3	2.2.4	Develop and implement habitat management plan for Dugan Ranch	Not Started			Nevada Department of Wildlife, U.S. Fish and Wildlife Service	Management: Habitat Maintenance and Manipulation	Internal Technical Assistance, Species Expert	

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Railroad Valley springfish (Crenichthys nevadae)	3	2.2.5	Develop and implement habitat management plan at Sodaville	Not Started			Nevada Department of Wildlife, Nevada Division of Forestry, U.S. Fish and Wildlife Service	Management: Habitat Maintenance and Manipulation	Internal Technical Assistance, Species Expert	
Railroad Valley springfish (Crenichthys nevadae)	2	3	Monitor populations	Ongoing Current	FY 2000 - FY 2004		Nevada Department of Wildlife, Duckwater Shoshone Indian Tribe	Research: Demographic Studies, Research: Habitat Requirements, Research: Habitat Status, Research: Management Techniques, Research: Migration, Research: Population Surveys, Research: Reintroduction	Contract, Internal Field Assistance, Internal Technical Assistance, Species Expert	
Railroad Valley springfish (Crenichthys nevadae)	2	4	Develop and implement public information program	Planned			Nevada Department of Wildlife, Duckwater Shoshone Indian Tribe, U.S. Bureau of Land Management, U.S. Fish and Wildlife Service	Other: Information and Education	Internal Technical Assistance	The Duckwater Shoshone Tribe has installed an interpretive kiosk and signs at Big and Little Warm Spring. NDOW has posted information about the restoration efforts they have completed at Lockes Ranch via their website.